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33 (new): The apparatus of claim 22, wherein said counter and reference electrodes are inaccessible to or inactive towards said analyte.

### REMARKS

The Office Action of January 7, 2004, has been carefully reviewed, and reconsideration of the amended application is respectfully requested.

The allowance of claims 25-29 and indication of allowability of claims 18-21 are highly appreciated, and so is a suggestion for rendering claims 22-24 equally allowable. Accordingly, claims 1, 16, and 17 have been cancelled and the remaining claims amended as follows:

The amended new basic claim 18 is an edited version of the cancelled claims which excludes the last two lines of cancelled claim 1, rejected as being of no patentable value, and incorporates a version of claim 16 amended to address the Examiner's paragraph 4.

Claim 22 has been amended to remove the objections raised in the Examiner's paragraphs 5, 6 and 16. Removal of the objections based on 35 USC §112 and explicit recitation of a "means for reacting said product again at the first working electrode, with such back-and-forth reactions repeating many times, so as to yield an amplification of the analyte signal" render that claim as allowable as the other allowed claims.

The new claims 30-33 are all subsidiary to allowed or allowable claims and conform to the specification, pages 11 [lines 14-15], 15 [lines 3-4], and 18 [lines 17-19].

It is therefore believed that all the claims are now in condition for allowance. An early notification thereof will be highly appreciated.

Respectfully submitted by,



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CERTIFICATION OF FAXING

The undersigned hereby certifies that this response is about to be transmitted  
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